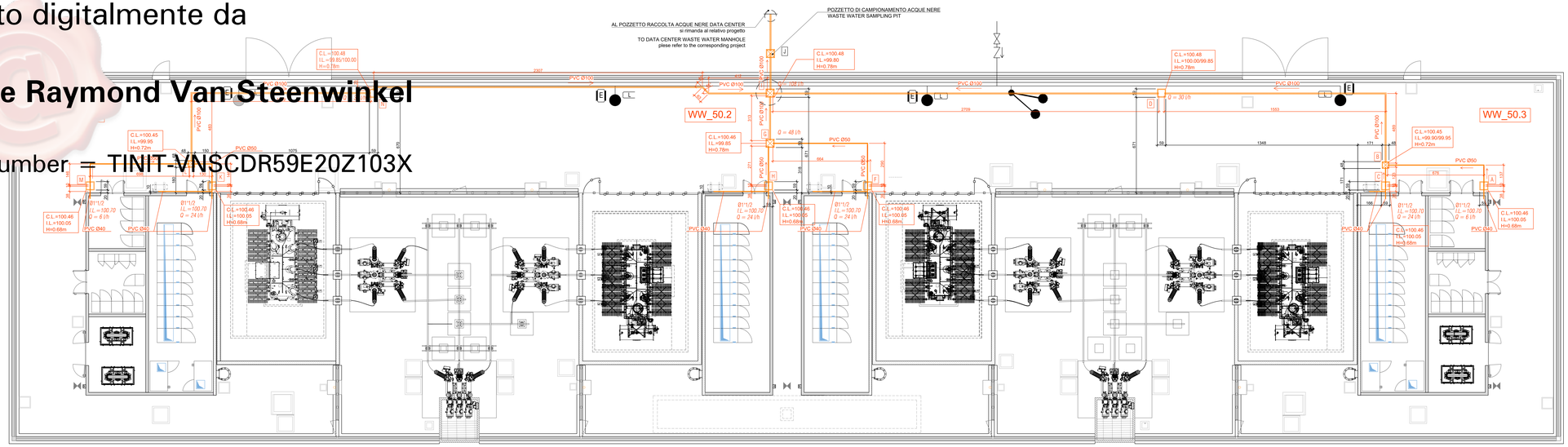
Firmato digitalmente da

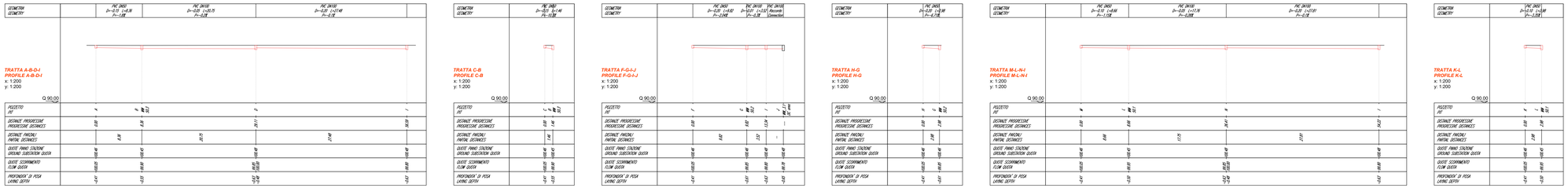
**Claude Raymond Van Steenwinkel**

SerialNumber = TINIT-VNSCDR59E20Z103X

PLANIMETRIA LINEE E POZZETTI LINEE WASTE WATER
WASTE WATER LINES AND PITS PLAN VIEW
SCALA 1:100 - SCALE 1:100

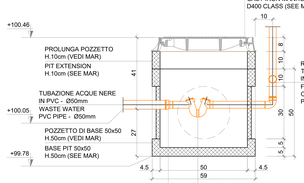



SVILUPPO PLANIMETRICO ED ALTIMETRICO LINEE ACQUE NERE
PLANIMETRIC AND ALTIMETRIC PROGRESS OF WASTE WATER LINES
SCALA 1:200 - SCALE 1:200

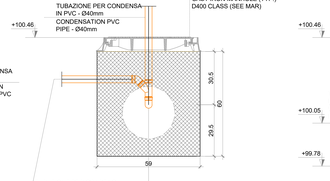



| POZZETTO - PIT | DIMENSIONI ESTERNE - EXTERNAL DIMENSION [m] | ALTEZZA TOT - TOT. HEIGHT [m] | TIPOLOGIA POZZETTO - PI TYPE |
|---|---|---|---|
| POZZETTI ACQUE NERE - WASTE WATER PITS | | | |
| A | 0.59 x 0.59 | 0.68 | PREFABBRICATO - PRECAST |
| B | 0.48 x 0.48 | 0.72 | PREFABBRICATO - PRECAST |
| C | 0.59 x 0.59 | 0.68 | PREFABBRICATO - PRECAST |
| D | 0.59 x 0.59 | 0.78 | PREFABBRICATO - PRECAST |
| F | 0.59 x 0.59 | 0.68 | PREFABBRICATO - PRECAST |
| G | 0.59 x 0.59 | 0.78 | PREFABBRICATO - PRECAST |
| H | 0.59 x 0.59 | 0.68 | PREFABBRICATO - PRECAST |
| I | 0.59 x 0.59 | 0.78 | PREFABBRICATO - PRECAST |
| K | 0.59 x 0.59 | 0.68 | PREFABBRICATO - PRECAST |
| L | 0.48 x 0.48 | 0.72 | PREFABBRICATO - PRECAST |
| M | 0.59 x 0.59 | 0.68 | PREFABBRICATO - PRECAST |
| N | 0.59 x 0.59 | 0.78 | PREFABBRICATO - PRECAST |

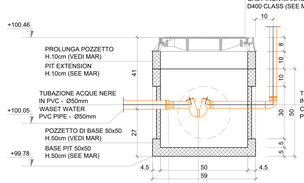
DETTAGLIO COSTRUTTIVO VALIDO PER POZZETTI K-H-F-C
CONSTRUCTION DETAIL VALID FOR PITS K-H-F-C
SCALA 1:10 - SCALE 1:10



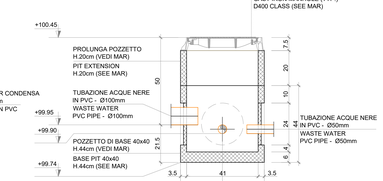

VISTA LATERALE VALIDA PER POZZETTI K-H-F-C
SIDE VIEW VALID FOR PITS K-H-F-C
SCALA 1:10 - SCALE 1:10



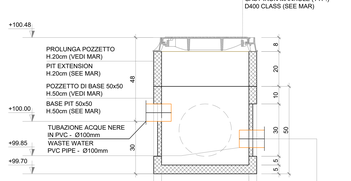

DETTAGLIO COSTRUTTIVO VALIDO PER POZZETTI M-A
CONSTRUCTION DETAIL VALID FOR PITS M-A
SCALA 1:10 - SCALE 1:10



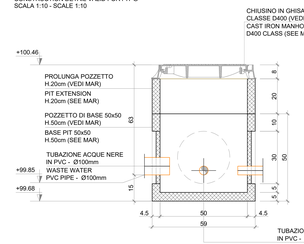

DETTAGLIO COSTRUTTIVO VALIDO PER POZZETTO B
CONSTRUCTION DETAIL VALID FOR PIT B
SCALA 1:10 - SCALE 1:10



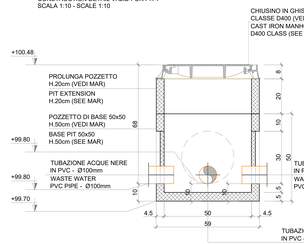

DETTAGLIO COSTRUTTIVO VALIDO PER POZZETTO D
CONSTRUCTION DETAIL VALID FOR PIT D
SCALA 1:10 - SCALE 1:10



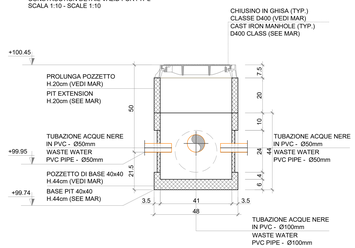

DETTAGLIO COSTRUTTIVO VALIDO PER POZZETTO G
CONSTRUCTION DETAIL VALID FOR PIT G
SCALA 1:10 - SCALE 1:10



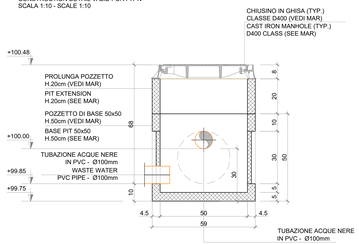

DETTAGLIO COSTRUTTIVO VALIDO PER POZZETTO I
CONSTRUCTION DETAIL VALID FOR PIT I
SCALA 1:10 - SCALE 1:10




DETTAGLIO COSTRUTTIVO VALIDO PER POZZETTO L
CONSTRUCTION DETAIL VALID FOR PIT L
SCALA 1:10 - SCALE 1:10




DETTAGLIO COSTRUTTIVO VALIDO PER POZZETTO N
CONSTRUCTION DETAIL VALID FOR PIT N
SCALA 1:10 - SCALE 1:10




- PER LA MAR DEI POZZETTI E RELATIVI CHIUSINI FARE RIFERIMENTO A DOC. N° MXP-MAR-CSA-027 POWER LINES MANHOLES AND MANHOLES
- FOR THE MANHOLES MAR PLEASE REFER TO DOC. N° MXP-MAR-CSA-027 POWER LINES MANHOLES AND MANHOLES

## LEGENDA

## LEGEND

### RETE RACCOLTA ACQUE NERE

- Pozzetto prefabbricato quadrato con sistema di sifone
- Pozzetto prefabbricato per raccolta acque nere
- Pozzetto di arrivo acque nere (fine scopo di fornitura)
- Tubazione in PVC diam. Ø50 mm
- Tubazione in PVC diam. Ø100 mm
- Q = Portata stimata condensa

### WASTE WATER

- Precast square pit with siphon system
- Precast pit for waste water collection
- Arrival waste water pit (end scope of furniture)
- PVC-pipe 50 mm
- PVC-pipe 100 mm
- Q = Estimated flow rate of condensate

### NOTE

- C.L Quota pavimento
- I.L Quota scarico pozzetto

### NOTES

- C.L Cover Level
- I.L Invert Level

### NOTE GENERALI - GENERAL NOTES

- TUTTE LE QUOTE SONO ESPRESSE IN cm (SALVO DIVERSA SPECIFICA INDICAZIONE SULLE TAVOLE)
- TUTTE LE QUOTE ALTIMETRICHE SONO DA INTENDERSI COME QUOTE ASSOLUTE
- TUTTE LE QUOTE ALTIMETRICHE ANDRANNO VERIFICATE IN SEDE DI ESECUZIONE DEGLI SCAVI
- IL CONTROLLO DIMENSIONALE E' A CARICO DELL'IMPRESA

- ALL DIMENSIONS ARE IN cm (EXCEPT FOR DIFFERENT SPECIFIC INDICATION ON THE TABLES)
- ALL ALTITUDE DIMENSIONS ARE TO BE UNDERSTOOD AS ABSOLUTE DIMENSIONS
- ALL ALTITUDE DIMENSIONS SHALL BE CHECKED WHEN THE EXCAVATIONS ARE CARRIED OUT
- DIMENSIONAL CONTROL IS COMPANY RESPONSIBILITY

### MATERIALI E PRESCRIZIONI COSTRUTTIVE - POZZETTI PREFABBRICATI / MATERIALS AND CONSTRUCTION REGULATIONS - PREFABRICATED PITS

*-salvo diversa specifica indicazione sulle tavole - except for different specific indication on the tables -*

CONGLOMERATO CEMENTIZIO ARMATO (C.C.A.):
REINFORCED CONCRETE CONGLOMERATE (R.C.C.):

| STRUTTURE STRUCTURES | CLASSE DI ESPOSIZIONE EXPOSURE CLASS | CLASSE DI RESISTENZA RESISTANCE CLASS | CLASSE DI CONSISTENZA CONSISTENCY CLASS | RAPPORTO MAX a/c MAXIMUM a/c RATIO | DIAMETRO MAX AGGREGATI MAXIMUM DIAMETER OF AGGREGATES | COPRIFERRO MIN. ALLE STAFFE STIRRUPS MINIMUM CONCRETE COVER |
|---|---|---|---|---|---|---|
| ELEVAZIONE ELEVATION | XA1 | C32/40 | S1-S2 | 0.5 | D.max<14 sp. - thk. manufatto - manufacture | >30 mm |
| FONDAZIONE FOUNDATION | XA1 | C32/40 | S1-S2 | 0.5 | D.max<14 sp. - thk. manufatto - manufacture | >30 mm |

ARMATURA PER C.C.A.:
GRADO B450A/C: fyk = 450 MPa

ARMOR FOR R.C.C.:
GRADE B450A/C: fyk = 450 MPa

### CARICHI DI PROGETTO E PARAMETRI SISMICI - DESIGN LOADS AND SEISMIC PARAMETERS

ZONA SISMICA (O.P.C.M. 20/03/2003 N.3274 ALL.A):
VITA NOMINALE (D.M. 17/01/2018):
CLASSE D'USO (D.M. 17/01/2018):
FATTORE DI STRUTTURA (D.M. 17/01/2018):

ZONA 3 (COMUNE DI NOVIGLIO)
Vn = 100 ANNI
CLASSE III
q = 1.0

SEISMIC ZONE (O.P.C.M. 20/03/2003 N.3274 ALL.A):
RATED LIFE (D.M. 17/01/2018):
USE CLASS (D.M. 17/01/2018):
STRUCTURE FACTOR (D.M. 17/01/2018):

ZONE 3 (MUNICIPALITY OF NOVIGLIO)
Vn = 100 YEARS
CLASS III
q = 1.0

| REVISION | N. | DATE | DESCRIPTION | ELABORATED | VERIFIED | APPROVED |
|---|---|---|---|---|---|---|
| | 00 | 05/08/2024 | First Issue - Exe plant project | Idea Digital Solution | Engie | Engie |

| DESIGNER | PROJECT |
|---|---|
| **Idea Digital Solution S.r.l.**<br>Milano Via Larga, 6 - 20122 Milano (MI)<br>E-mail: *ideads@ideagroup.biz* | RTN CONNECTION PROJECT<br>SSE TECHNOLOGICAL INSTALLATIONS PROJECT<br>WS5 SHOP DRAWINGS |

CLIENT: Hines / COMPASS

| CODE | DRAW |
|---|---|
| MXP-MEC-PL-217 | WASTE WATER SYSTEM |

| DATE | SCALE | LOCATION |
|---|---|---|
| August 2024 | 1:200<br>1:100<br>1:10 | METROPOLITAN CITY OF MILAN<br>MUNICIPALITY OF NOVIGLIO |

| PROJECT LEVEL | DRAWING CODING |
|---|---|
| WS5 SHOP DRAWINGS | MXP-MEC-PL-217_Waste water system |

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